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**Life Science Invertebrates (Chapter 15 Outline)**

***AS YOU READ, RESPOND TO THE FOLLOWING:***

*Vocabulary*: **Define in your own words:**

Invertebrate-

Ganglion-

Gut-

Coelom-

Open circulatory system-

Closed circulatory system-

segment-

Exoskeleton-

Antenna-

Compound eye-

Metamorphosis-

Endoskeleton-

Water vascular system-

*Respond to the following:*

How do sponges get food? Explain. (2 pts)

What is a cnidarian? What are the three characteristics of cnidarian? Explain. (4 pts)

What are the three kinds of flatworms? Elaborate on each type of flatworm. (3 pts)

What are the four body parts that most mollusks have in common? Explain. (4 pts)

What are the three kinds of annelid worms? Describe each type. Also, how are annelid worms different than flatworms? Explain. (4 pts)

What are the four main characteristics of arthropods? Describe each characteristic. (4 pts)

What are the two types of metamorphosis that occur in insects? Explain each type of metamorphosis in detail. (4 pts)

What are the five classes of echinoderms? Describe each type of echinoderm. (5 pts)

***ABOUT THE READING:***

Write three things that you learned about the Invertebrates*:*

*Make sure to write a full sentence.*

*Example: I learned that the coelom is the body cavity that surrounds the gut of an earthworm.*

*1.*

*2.*

*3.*